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Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II—SECTION 1

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS
Calcutta, the 21st June 1947

Applications for Patents
Titles have been abridged.

24th April 1944

30809. The General Electric Company Limited.
Crystal contacts. (20th August 1941).

30810. The General Electric Company Limited.
Crystal contacts. (18th October 1941).

30812. Standard Telephones and Cables Limited.
Ultra high frequency transmission systems. (19th April 1943).

30814. Standard Telephones and Cables Limited.
Electron-discharge apparatus. (21st June 1940).

30816. Standard Telephones and Cables Limited.
Electric wave filters. (15th October 1941).

30817. Standard Telephones and Cables Limited.
Antenna systems. (2nd May 1941).

30818. Standard Telephones and Cables Limited.
Ultra high frequency amplifiers. (10th May 1941).

30820. Standard Telephones and Cables Limited.
Electric pulse-generating circuits. (8th July 1941).

30821. Standard Telephones and Cables Limited.
Keying devices for high frequency circuits. (11th August 1941).

30822. Standard Telephones and Cables Limited.
Keying arrangements. (20th October 1942).

29th May 1944

30997. The General Electric Company Limited.
Radio blind-landing devices for aircraft. (26th May 1943).

31008. The General Electric Company Limited.
Gas-filled electric rectifiers. (13th March 1942).

19th June 1944

31111. The General Electric Company Limited.
Generators of electrical oscillations of high frequency. (5th November 1940).

31116. The General Electric Company Limited.
Electrical apparatus adapted to operate at very high frequencies. (26th August 1941).

16th November 1944

31696. The General Electric Company Limited.
Magnets adapted for use with magnetrons. (21st September 1942).

31697. The General Electric Company Limited.
Sealed envelopes of quartz or like material. (14th November 1941). [Addition to No. 27906.]

31698. The General Electric Company Limited.
Sealed envelopes of quartz or like material. (17th November 1941). [Addition to No. 27906.]

16th November 1944

31701. The General Electric Company Limited.
Quartz envelopes having electrical leads sealed through them. (3rd April 1942).

31705. The General Electric Company Limited.
Sealing electric conductors. (18th November 1942).

11th January 1945

31926. Standard Telephones and Cables Limited.
Circuits for repeating square shaped wave forms. (15th January 1944).

6th April 1945

32347. Standard Telephones and Cables Limited. Keying devices for high frequency circuits. (24th April 1944).

From 5th June 1947 to 11th June 1947

37528. Dr. K. G. Mathur. A furnace for the preparation of chemicals.

37529. C. Peacock. Pre-fabricated buildings.

37530. The General Electric Company Limited. Circuits for electric discharge lamps. (17th April 1946).

37531. H. Lakeland. Warp let-off motions of looms for weaving.

37532. Khan Bahadur P. M. Ibrahim. Automatic rain-gauge recorder.

37533. D. R. Vajifdar. Mosquito proof flushing cisterns.

37534. E. I. du Pont de Nemours and Co. Aqueous dispersions of polymers.

37535. E. I. du Pont de Nemours and Co. Explosive compositions.

37536. J. F. Vapiwalla. Facing point lock for Railways.

37537. J. F. Yapiwalla. Type point indicator for Railways.

37538. Sturmey-Archer Gears Limited, and W. Brown. Epicyclic change speed gears. (11th April 1939).

37539. S. R. Dutt. Parenteral liver extract.

37540. J. L. Stableford. Portable cinematograph and like projection screens. (20th June 1946).

37541. Johnson Aircraft Components Limited. Clothes-washing machines. (26th April 1946).

37542. Commanditaire Venootschap Nederlandse Bouwplaten Industrie. Heat-insulating especially fire-preventing and fire-proof material.

37543. D. N. M. Rajagopalan. Winding the yarn over the bobbin.

37544. The Indian Oxygen & Acetylene Company Limited. Precooling and purification of gaseous mixtures prior to liquefaction. (25th June 1946).

37545. Standard Oil Development Company. Catalytic reactions employing powdered catalyst. (18th September 1946).

37546. W. T. Glover & Company Limited. Electric cables. (23rd July 1946).

37547. Tecalemit Limited. Multiple pumps. (3rd July 1946).

37548. A. Citroen. Self-locking nuts. (3rd September 1945).

37549. Guest Industrials Limited. Air conditioning and ventilating units. (28th June 1946).

37550. Abbott Laboratories. Anti-biotic agents. (16th August 1946).

37551. Standard Oil Development Company. Catalytic conversion. (26th June 1946).

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* or within two months of date of the *Gazette of India* in which the publication of the printed specification concerned has been notified, whichever is later, give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges.

The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

30428. Radio Corporation of America. Improvements in low-reflection surfaces on glass or similar light refracting materials.

Skeletonising surface layer on glass by subjecting to dilute hydrofluoric acid vapours.

31007. The General Electric Company Limited. Improvements in plugs and sockets, for high frequency concentric cables. (7th January 1942).

Coupling for concentric cables for carrying oscillating currents; a central and two end parts made of concentric lines of length $n \pi/2$ and $n' \pi/2$ for oscillation frequency f ; outer solid dielectric of end parts continuous with that of central part and inner part with that of cables.

32811. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of chlorocresols. (21st April 1943).

Reacting molten cresol with chlorine in the absence of a solvent.

32905. Warner Electric Brake Manufacturing Company. Improvements in magnetic friction elements for brakes and like friction devices.

Eliminates audible vibration without at the same time detracting from its magnetic characteristics.

33135. A. J. A. Asplund. Apparatus and method for manufacture of pulp.

Subjecting material to steam pressure over 100°C in a preheater and then feeding into mechanical defibrator.

33426. Anglo-Iranian Oil Company Limited. Improvements relating to the hydrofining and desulphurisation of gas oils. (28th August 1944).
Naphtha hydro forming gas with gas oils.

33478. Imperial Chemical Industries Limited. Improvements in or relating to copper base alloys.
Copper base alloys containing aluminium, zinc, chromium nickel and manganese.

33499. A. G. E. Robiette and P. F. Hancock. Improvements in and relating to the recovery of scrap metals. (25th October 1944).
Scrap metal melted under controlled oxidation, heated till volatile metal removed, combustion conditions controlled to keep a non-oxidising atmosphere.

33675. United Aircraft Corporation. Improvements in or relating to multi-row radial engines.
In a multi-row radial aircooled engine, cylinders are arranged in longitudinal banks each of which has a magnets and/or blower outlet aligned therewith.

33722. Shawinigan Chemicals Limited. Improvements in processes and apparatus for producing a gas, particularly acetylene gas, by reaction of a liquid and a solid. (30th December 1944).
Automatic regulation and control in the production of gas by wet method.

33726. W. R. Hawthorne and J. R. Joyce. Method and means for testing spraying devices. (29th August 1941).
A jet or nozzle is detachably supported in a specific and accurately repeatable relationship to a plurality of receivers which are adapted so as to enable measurement or comparison of quantities.

33772. The British United Shoe Machinery Company Limited. Improvements in or relating to machines for performing lasting or analogous operations on shoe parts. [Addition to No. 33257].
Lasting margin caused to pass over a power-rotated spindle for applying a frictional pull.

33941. A. J. Peppercorn, D. Dewar, J. Bonas and McLeod & Company Limited. Improvements in the manner of rolling tea leaf and in tea leaf rolling.
Pressure cap, adapted to give slight pressure at earlier stages, connected with the feed or screw shaft by floating connection.

33990. Stewarts and Lloyds Limited. Apparatus to facilitate assembly and filling of moulding boxes and the like. (4th January 1945).
Table pivotally mounted means projecting upwards from the table for locating containers and means for retaining the table in a horizontal included or vertical position.

34038. British Insulated Callender's Cables Limited. Improvements in the manufacture of electric cables. (18th January 1945).
Cable impregnant comprising principally of microcrystalline petroleum wax having or melting point of 80° or higher.

34091. J. R. Geigy A.-G. Process of manufacture of basic esters and amides of 1-aryl-cycloalkyl-1-carboxylic acids. Reacting 1-aryl-cycloalkyl-1-carboxylic acid halide with an amine alcohol.

34233. F. W. Coffing. Combination hoist and jack.
Sprocket gear and chain, two pivoted pawls constrained by spring to gear engagement and a lever arm carrying one of the pawls and rotatable on shaft rigid with the gear.

34373. Standard Telephones and Cables Limited. Loop antenna.
Shielded loop antennas designed to operate over a wide band of high frequencies.

34489. M. Reynolds. Improvements in fountain pen.
A fountain pen with a writing instrumentality including a freely rotatable ball for applying the ink to a writing surface, a tubular body forming an ink supply chamber with a removable closure member at its top and a wad of porous material fitting beneath the closure member.

34510. V. E. DePenning. Improvements in tubular lamp mounting.
A socket having recess for engaging contact pin of the lamp and mounted for free pivotal movement about a support member.

34512. Orr & Sembower Incorporated. Improvements in burner apparatus for effecting diffusion combustion.
Separate currents of diffusion medium forced continuously into different transverse areas of the stream of burning fuel.

4675. F. J. Charlesworth. Improvements in and relating to folding tables and the like. (24th May, 1945).
Locking member is duplicated and pivotally connected at one end with the table top or with one pair of legs and adapted for interlocking engagement with a transverse member carried by the other pair of legs.

34704. Imperial Chemical Industries Limited. Improved process for degreasing hides and skins. (11th December 1944).
By an emulsifying agent obtainably by condensing an alkyl phenol and ethylene oxide.

34724. Societe De, Usines Chimiques Rhone-Poulenc. Improvements in or relating to the preparation of arylsulphonylthioureas. (17th May 1945).
Addition of hydrogen sulphide to the corresponding arylsulphonyl cyanamides, is carried in the presence of anhydrous medium and a catalyst.

34862. G. W. B. Electric Furnaces Limited and G. Turner. Improvements in electric furnaces, kilns and ovens. (29th March, 1945).
Electric heating elements in groups arranged one above another inside a furnace, and adapted to be withdrawn from the furnace structure.

34865. Naamlooze Vennootschap : W. A. Scholten's Chemische Fabrieken. Process of manufacturing starch solutions.
Adding an aldehyde during the cold swelling starch manufacturing process at a temperature below 140° F.

34880. Shorter Process Company Limited. Improvements in or relating to the surface hardening of metal articles. (3rd June 1942).
Directing high temperature on the surface of the metal article which is kept in a rotating condition and cooling said heated surface.

34978. Boots Pure Drug Company Limited. Improvements relating to the manufacture of heterocyclic compounds having 2, 3 or 4 methylene groups. (19th June 1945).
Reacting dicyandiamide with amine or di-acid salt of a diamine to produce heterocyclic compounds.

35062. The Permutit Company Limited. Improvements in or relating to the regeneration of hydrogen-ion-exchange materials.
Effecting the regeneration in three stages by aqueous acid solution and recusing the effluents from second and third stage.

35083. Garlick & Company. Improvements in and relating to reinforced concrete sleepers.
The two rails seats are of ordinary tee-section in the part below the rails and the central length joining the two rail seats is of inverted tee-section.

35950. Shalimar Tar Products (1935) Limited. Improvements in or relating to the manufacture of tar and tar emulsions. (25th October 1945).
Tar comprising a fatty pitch and a petroleum oil tar emulsion comprises the embrittling tar and dilute alkaline solution and solution of casein.

35974. N. H. Shah. Improvements in or relating to a bleaching process.
Chemicing with active chlorine concentration varying from 5—8 grs. per litre.

36000. A. S. Loone. An improved appliance for mixing the ingredients for making cakes and the like. (14th January 1939).
Comprises two sets of beaters and a set of scrapers with means for rotating the scrapers and the sets of beaters.

36024. Helliwells Limited. Improvements relating to adaptors for grease guns and the like.
An adaptor comprising a cylindrical body with a greasing nipple attachment at one extremity.

36054. Jute Industries Limited. Improved flyer for use in spinning, twisting or doubling machines for the production of yarns from natural and artificial fibres.
The legs of the flyers are made spiral in form with eyelets at top and bottom through which yarn passes.

36057. Victory Valves Limited. An improved form of toilet flushing apparatus.
Main valve is provided with a hollow piston or cup-shaped element and is provided also with a relief valve controlling an outlet from the hollow interior of the piston.

36096. International General Electric Company, Inc. Improvements in or relating to lamp sockets.
Socket for supporting one end of a discharge lamp in operating circuit designed to open primary of ballast transformer when lamp is removed.

36211. Prince-Smith & Stells Limited. Improvements relating to centrifugal spinning twisting and analogous machines.
Recovering the broken yarn in the yarn holder by manipulating the appropriate bobbin into frictional contact with yarn in the yarn holder.

36216. F. L. Smith & Co., A/S. Rotary kilns, grinding mills and the like provided with self lubricating slide shoes and like supporting members.
Cylindrical bearing surface and slide shoes are surrounded by an oil tight casing, the said surface lying below the said shoes to be in contact with lubricating oil.

36241. P. R. Sarin. An improved water heater. [Addition to No. 34466.]
A chamber divided into three compartments central one housing parallelly disposed chambers and heating element.

36382. Prince-Smith & Stells Limited. Improvements relating to centrifugal spinning, twisting and analogous machines. (17th December 1945).
On breakage of electric circuit the front carriage rises and inserts bobbins into the yarn holder from which unwinding automatically starts.

36383. R. S. Corbett. Improvements in or relating to washing devices for vehicles and other devices. (4th March 1946).
Mop head attached to tubular handle and bundle of yarn secured to tubular fitment.

36419. N. V. Philips' Gloilampenfabrieken. Improvements in or relating to arrangements for distributing signal pulses.
A number of interconnected thyatrons equal to the number of signals each connected to separate receiving device.

36424. The Hoffmann Manufacturing Company Limited and B. F. Newon. Improvements in cages for roller bearings.
Comprising separate rings and separating members of Y-shape formed into an assembly.

36532. The Sandholme Iron Company Limited. Improvements relating to loom pickers.
Impregnating hide or finished pickers with sulphated sperm oil, a sulphated higher fatty alcohol.

36601. Fibre Products Laboratories, Inc. Improvements in or relating to method and apparatus for making a fabricated sheet of spun fibres. (29th June 1946).
Elongating unspun fibres, drafting, straightening by tension, and finally bonding in the stretched condition.

36681. Metropolitan-Vickers Electrical Company Limited. Improvements relating to nose suspension arrangements for electric traction motors. (12th February 1946).
The axle hung traction motor is pivotally connected by a link at one end and at the other end to the frame of the loco.

36692. E. I. Du Pont De Nemours and Co. Pigment coloration of textile fibres. Applying to textile material an aqueous emulsion comprising.

36694. The Liverpool Electric Cable Company Limited. Improvements in or relating to electric cables. (24th March 1939).
Insulated line conductor in contact with non-insulated earthing conductor through conducting rubber composition.

36703. The Permutit Company, Limited. Improvements relating to cation-exchange resins. (25th February 1946).
Condensing sulphited tannin with an aldehyde and phenol in alkaline solution.

Patents Sealed

29738. 31824. 31825. 32681. 32944. 33137.
 33155. 33199. 33704. 33779. 34007. 34225.

Renewal Fees Paid

The time for payment of renewal fees in respect of the patents shown under this heading and marked with asterisks was extended under the Indian Patents and Designs (Extension of Time) Act, 1942.

19882. 20088. 21579. *21769. 21792. 21986.
 22047. *22441. *22516. 23111. 23236. 24189.
 24224. 24237. 24316. 24373. 24380. 25471.
 25575. 25817. 26587. 26635. 26664. 26676.
 26848. 27126. 27884. 28178. 28342. 28378.
 28939. 28956. 29041. 29142. 29143. 29382.
 29667. 29668. 29746. 29998. 29995. 30028.
 30032. 30034. 30035. 30102. 30170. 30183.
 30205. 30404. 30620. 30687. 30688. 31055.
 31108. 31451. 31472. 31598.

Restoration Proceedings

Notice is hereby given that an order was made on the 14th May, 1947, restoring the patent numbered 27208, and dated as of 12th February 1940, and granted to Lachmi Debi for "An improved machine for sharpening the blades of hair clippers".

Cessation of Patents

The entries under this heading should not be regarded as final in view of the Indian patents and designs (Extension of Time) Act, 1942.

18729. 18851. 19619. 19661. 21595. 23664.
 24725. 24903. 24904. 24929. 26186. 27201.
 27242. 27244. 27895. 27907. 27922. 28644.
 28661. 28669. 28698. 29721.

K. RAMA PAI,
Controller of Patents and Designs.

